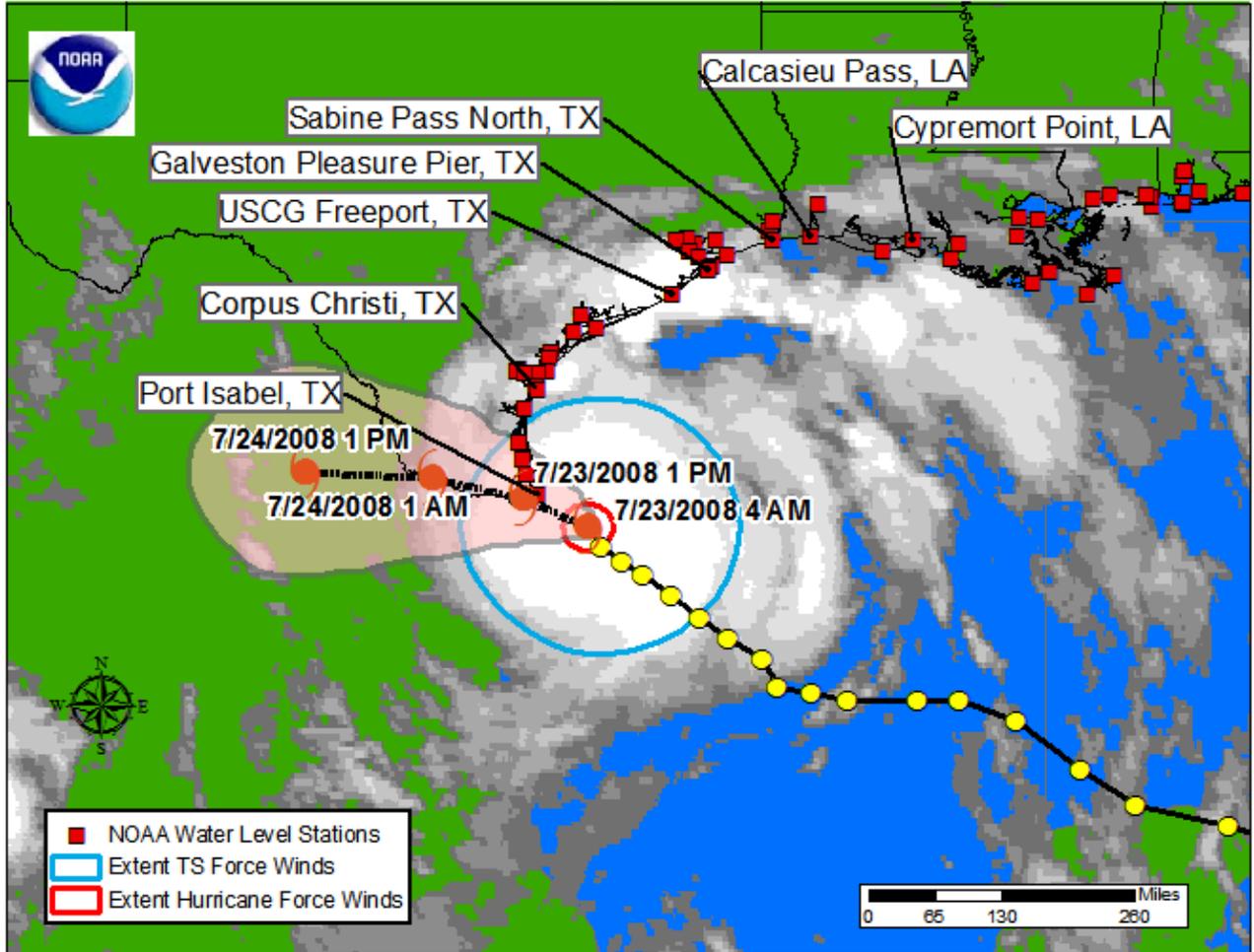


Hurricane DOLLY QuickLook
Posted: 05:00 CDT 07/23/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/23/2008 05:00 CDT, water levels along the Gulf Coast are rising and range between 1.0 to 2.0 feet above predicted. Barometric pressure continues to fall.

The next QuickLook will be issued at 11 CDT or when Hurricane DOLLY makes a landfall on July 23, 2008.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tide is 0.90 ft (0.27 m) on 07/23/2008 at 07:25 CDT.

Corpus Christi, TX: Next predicted high tide is 1.12 ft (0.34 m) on 07/23/2008 at 07:15 CDT.

USCG Freeport, TX: Next predicted high tide is 1.28 ft (0.39 m) on 07/23/2008 at 07:30 CDT.

Galveston Pleasure pier, TX: Next predicted high tide is 1.50 ft (0.46 m) on 07/23/2008 at 06:59 CDT.

Sabine Pass North: Next predicted high tide is 1.30 ft (0.40 m) on 07/23/2008 at 07:14 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.60 ft (0.49 m) on 07/23/2008 at 06:18 CDT.

Cypremort Point, LA: Next predicted high tide is 1.20 ft (0.37 m) on 07/23/2008 at 10:03 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: ND

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE DOLLY ADVISORY NUMBER 12

DOLLY STRENGTHENS AS IT APPROACHES THE COAST

A HURRICANE WARNING REMAINS IN EFFECT FOR THE COAST OF TEXAS FROM BROWNSVILLE TO CORPUS CHRISTI AND FOR THE NORTHEASTERN COAST OF MEXICO FROM RIO SAN FERNANDO NORTHWARD TO THE BORDER BETWEEN MEXICO AND THE UNITED STATES. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM NORTH OF CORPUS CHRISTI TO SAN LUIS PASS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA INCLUDING POSSIBLE INLAND WATCHES AND WARNING PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

AT 400 AM CDT 0900Z THE CENTER OF HURRICANE DOLLY WAS LOCATED NEAR LATITUDE 25.6 NORTH LONGITUDE 96.5 WEST OR ABOUT 65 MILES 105 KM EAST-SOUTHEAST OF BROWNSVILLE TEXAS.

DOLLY IS MOVING TOWARD THE NORTHWEST NEAR 8 MPH 13 KM/HR AND NORTHWESTWARD TO WEST-NORTHWESTWARD MOTION WITH A SLIGHT DECREASE IN FORWARD SPEED IS EXPECTED TODAY. ON THE FORECAST TRACK THE CENTER OF DOLLY WILL BE ALONG THE COAST NEAR THE TEXAS/MEXICO BORDER AROUND MIDDAY TODAY.

MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 85 MPH 140 KM/HR WITH HIGHER GUSTS. DOLLY IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME ADDITIONAL INCREASE IN STRENGTH IS EXPECTED AND DOLLY COULD

APPROACH CATEGORY TWO INTENSITY WHEN IT REACHES THE COASTLINE LATER TODAY.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 25 MILES 35 KM FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES 220 KM.

AN AIR FORCE RESERVE UNIT HURRICANE HUNTER AIRCRAFT RECENTLY REPORTED THAT THE MINIMUM CENTRAL PRESSURE HAS FALLEN TO 976 MB 28.82 INCHES.

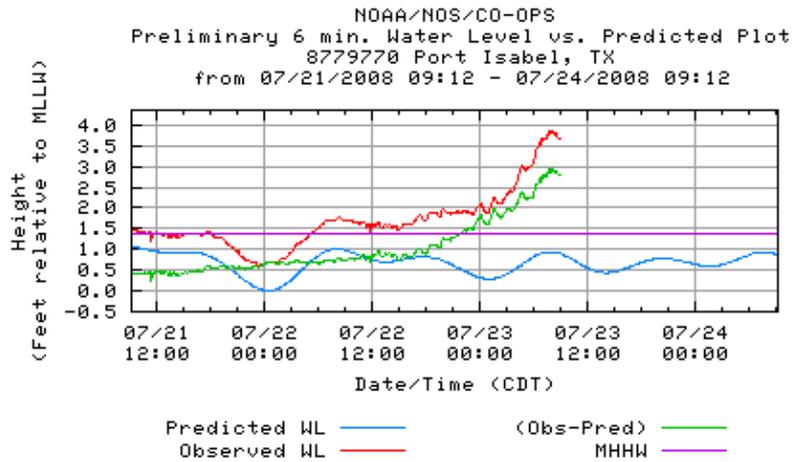
COASTAL STORM SURGE FLOODING OF 4 TO 6 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED NEAR AND TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.

FORECASTER PASCH

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Air/Water Temp](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Air/Water Temp](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Air/Water Temp](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Cypremort Point - Water Level](#),

Port Isabel, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 08:54 (CDT)
Relative to **MLLW**: **Observed: 3.70 ft. Predicted: 0.90 ft. Residual: 2.80 ft.**
Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

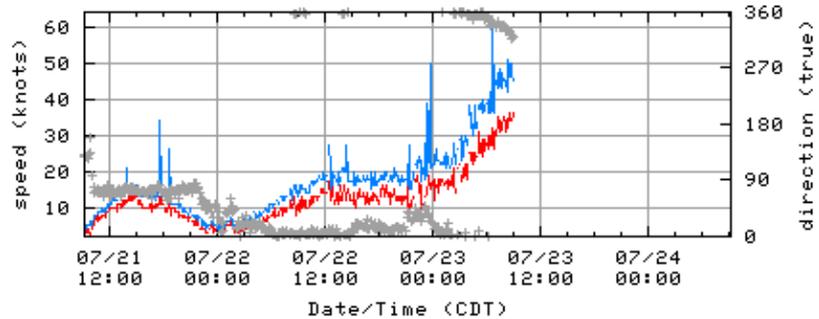
Port Isabel, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 08:54 (CDT)
Water Temperature: 80.8° F Air Temperature: 76.5° F

Port Isabel, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8779770 Port Isabel, TX
from 07/21/2008 09:12 - 07/24/2008 09:12



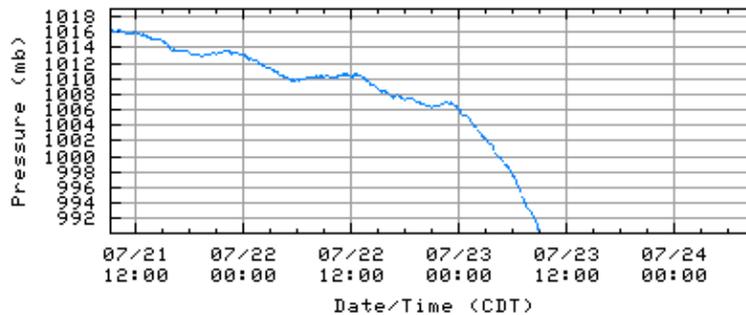
speed — gusts — direction +

Last Observed Sample: 07/23/2008 08:54 (CDT)

Wind Speed: 36 knots Gusts: 45 knots Direction: 321° T

Port Isabel, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8779770 Port Isabel, TX
from 07/21/2008 09:12 - 07/24/2008 09:12

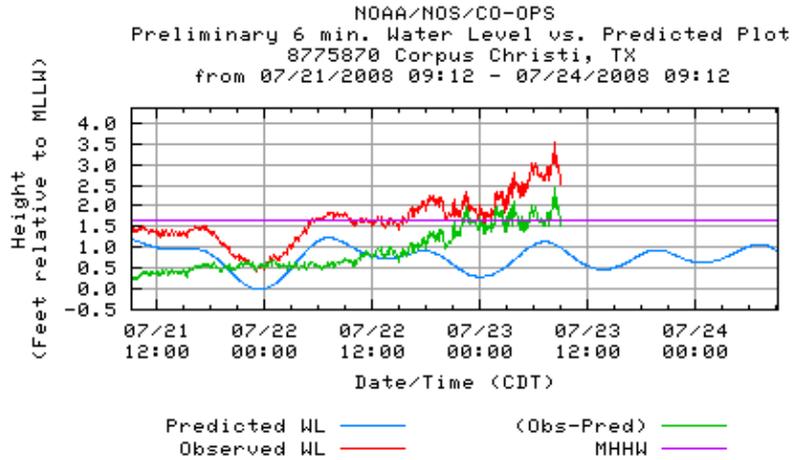


barometric pressure —

Last Observed Sample: 07/23/2008 08:54 (CDT)

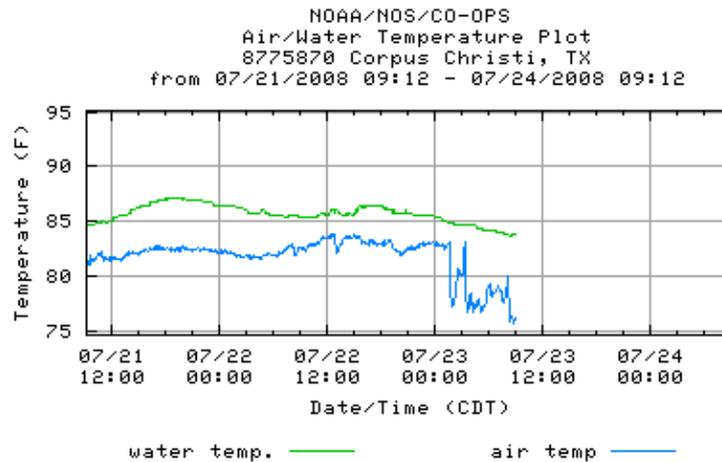
Barometric Pressure: 990.6 mb

Corpus Christi, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 09:00 (CDT)
 Relative to **MLLW**: **Observed: 2.64 ft. Predicted: 0.98 ft. Residual: 1.66 ft.**
 Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

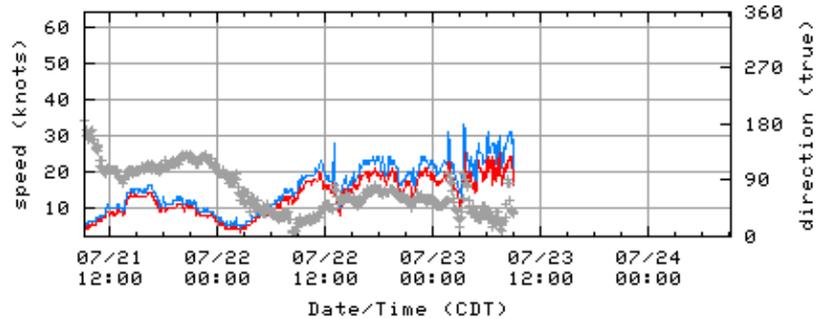
Corpus Christi, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 09:00 (CDT)
Water Temperature: 83.8° F Air Temperature: 76.1° F

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8775870 Corpus Christi, TX
from 07/21/2008 09:12 - 07/24/2008 09:12



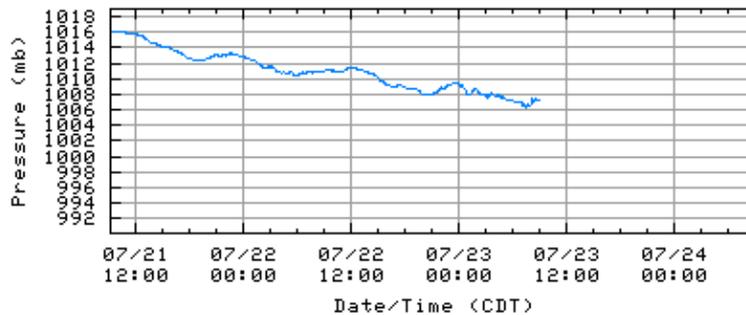
speed — gusts — direction +

Last Observed Sample: 07/23/2008 09:00 (CDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 041° T

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8775870 Corpus Christi, TX
from 07/21/2008 09:12 - 07/24/2008 09:12

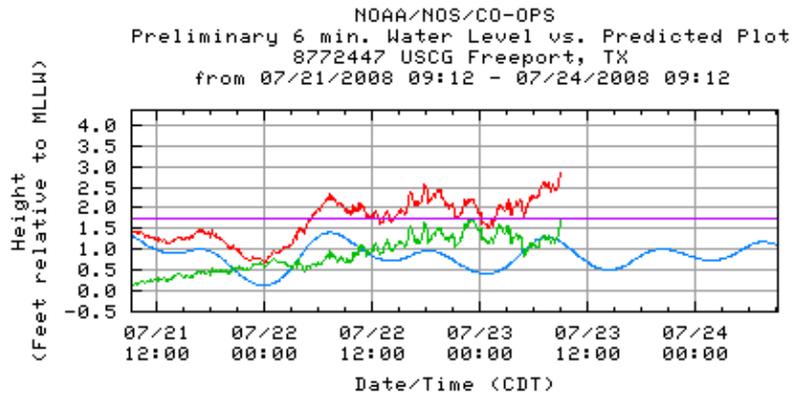


barometric pressure —

Last Observed Sample: 07/23/2008 09:00 (CDT)

Barometric Pressure: 1007.3 mb

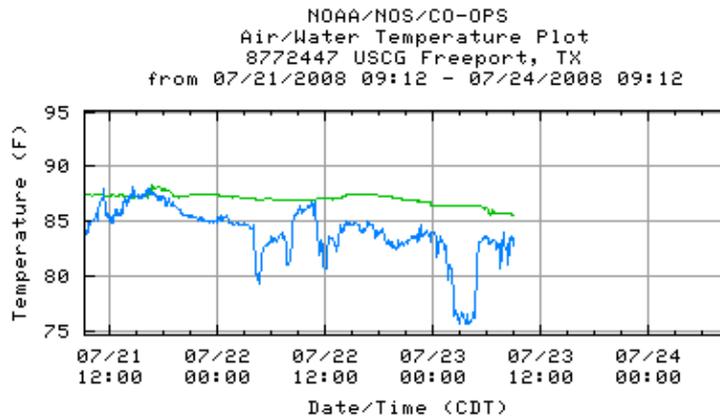
USCG Freeport, TX - Station Map [Return to List](#)



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 09:00 (CDT)
 Relative to **MLLW**: **Observed: 2.86 ft. Predicted: 1.17 ft. Residual: 1.69 ft.**
 Historical Maximum Water Level: n/a

USCG Freeport, TX - Station Map [Return to List](#)

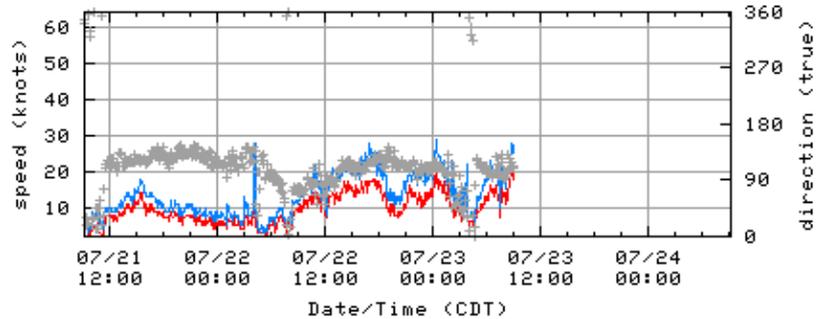


water temp. — air temp. —

Last Observed Sample: 07/23/2008 09:00 (CDT)
Water Temperature: 85.6° F Air Temperature: 82.8° F

USCG Freeport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8772447 USCG Freeport, TX
from 07/21/2008 09:12 - 07/24/2008 09:12



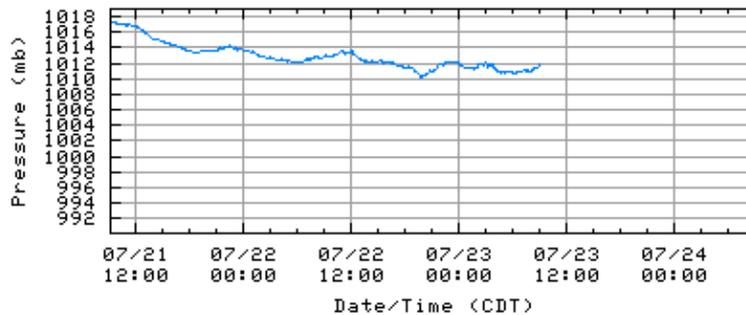
speed — gusts — direction +

Last Observed Sample: 07/23/2008 09:00 (CDT)

Wind Speed: 18 knots Gusts: 25 knots Direction: 109° T

USCG Freeport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8772447 USCG Freeport, TX
from 07/21/2008 09:12 - 07/24/2008 09:12

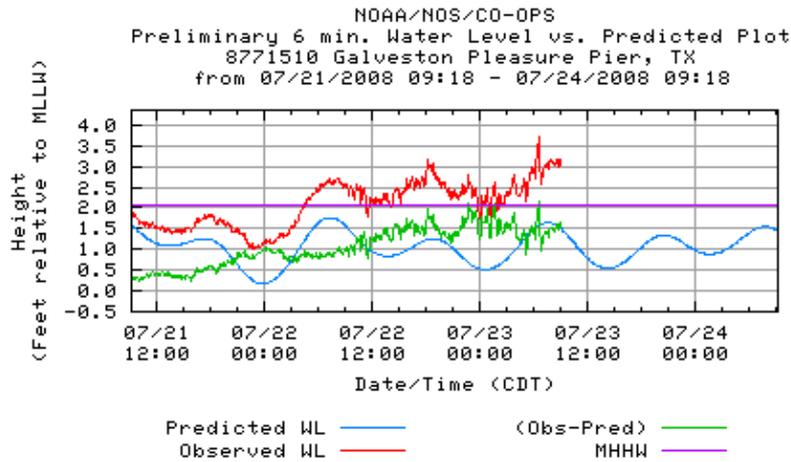


barometric pressure —

Last Observed Sample: 07/23/2008 09:00 (CDT)

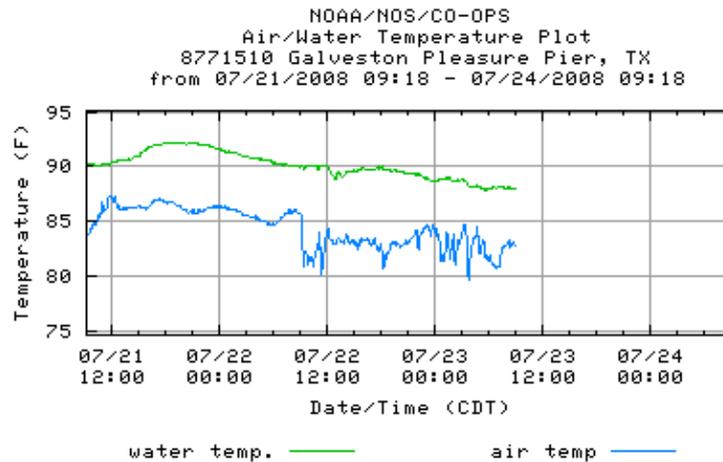
Barometric Pressure: 1011.9 mb

Galveston Pleasure Pier, TX - Station Map [Return to List](#)



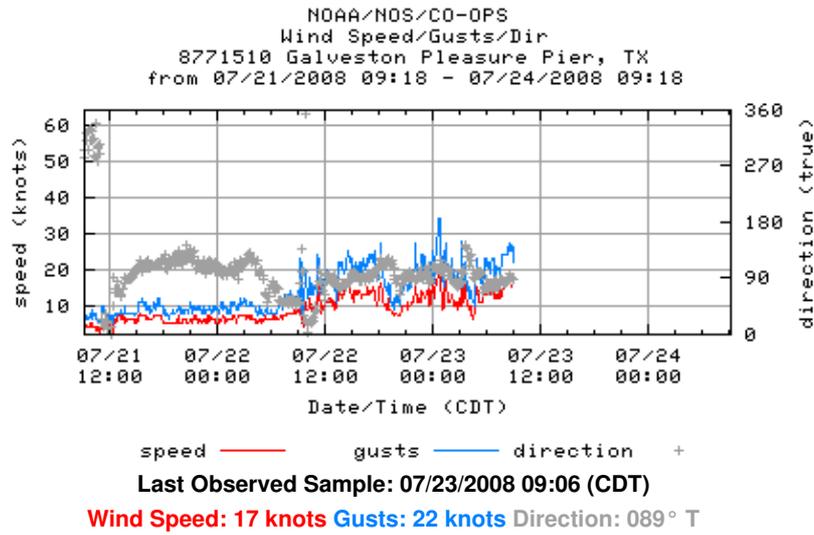
Last Observed Sample: 07/23/2008 09:06 (CDT)
 Relative to **MLLW**: **Observed: 3.17 ft. Predicted: 1.51 ft. Residual: 1.66 ft.**
 Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

Galveston Pleasure Pier, TX - Station Map [Return to List](#)

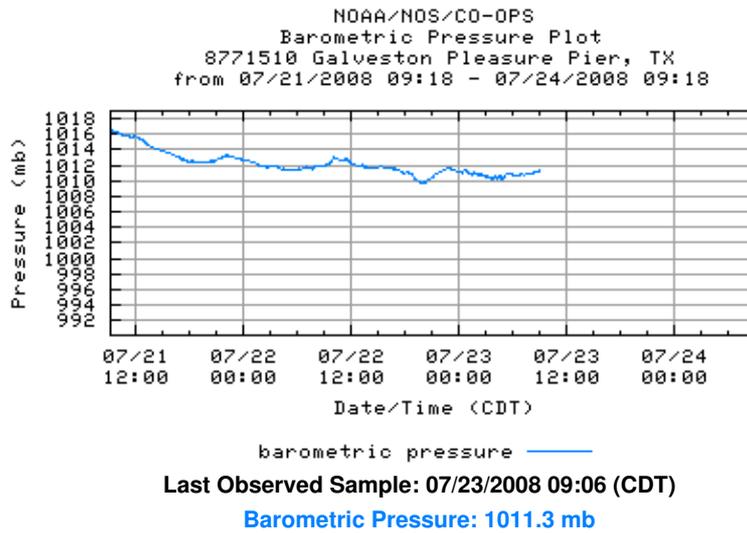


Last Observed Sample: 07/23/2008 09:06 (CDT)
Water Temperature: 88.0° F Air Temperature: 82.8° F

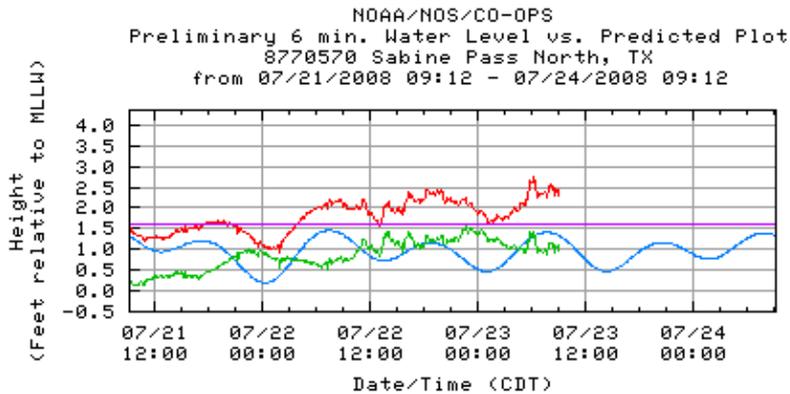
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Sabine Pass North, TX - Station Map [Return to List](#)



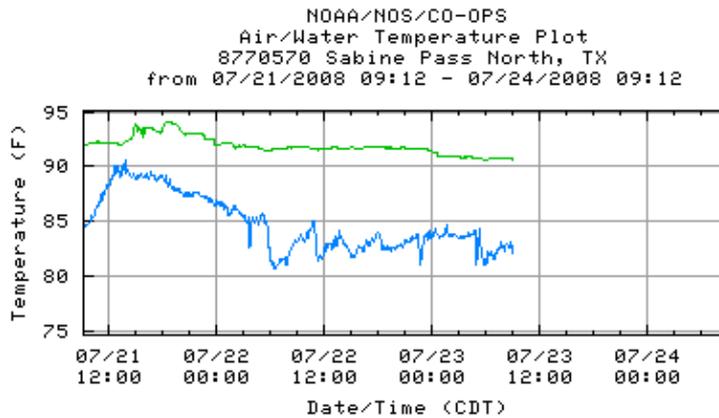
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 09:00 (CDT)

Relative to **MLLW**: **Observed: 2.41 ft. Predicted: 1.33 ft. Residual: 1.08 ft.**

Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

Sabine Pass North, TX - Station Map [Return to List](#)

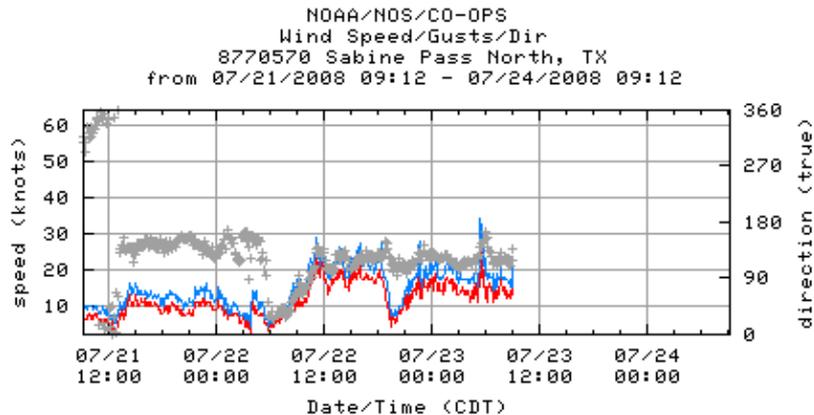


water temp. — air temp. —

Last Observed Sample: 07/23/2008 09:00 (CDT)

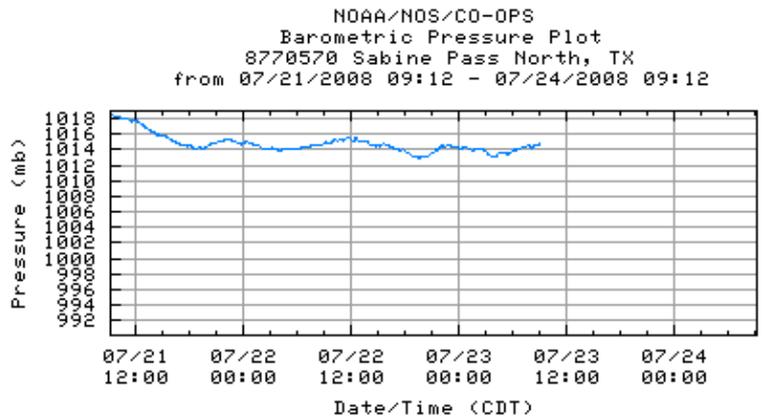
Water Temperature: 90.5° F Air Temperature: 82.0° F

Sabine Pass North, TX - Station Map [Return to List](#)



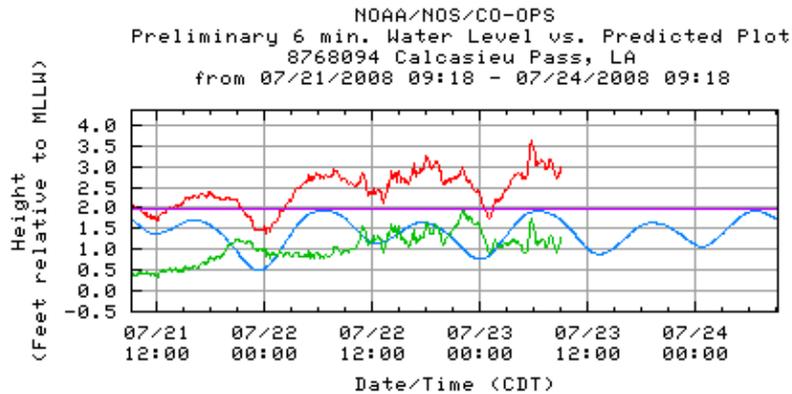
speed — gusts — direction +
Last Observed Sample: 07/23/2008 09:00 (CDT)
Wind Speed: 19 knots Gusts: 23 knots Direction: 137° T

Sabine Pass North, TX - Station Map [Return to List](#)



barometric pressure —
Last Observed Sample: 07/23/2008 09:00 (CDT)
Barometric Pressure: 1014.8 mb

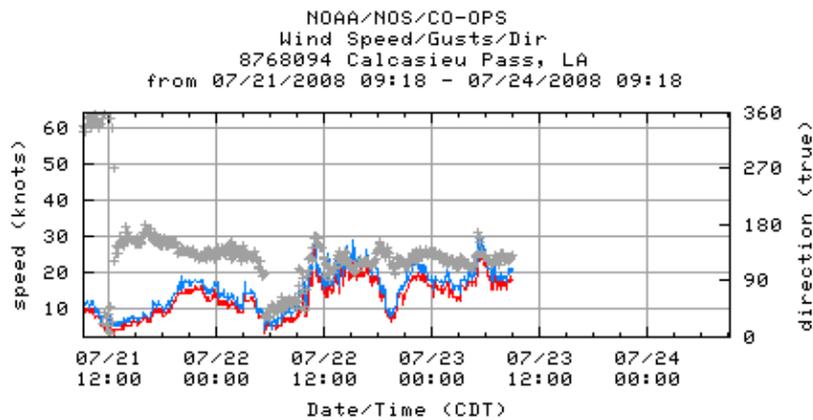
Calcasieu Pass, LA - Station Map [Return to List](#)



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 09:06 (CDT)
 Relative to **MLLW**: **Observed: 2.97 ft. Predicted: 1.71 ft. Residual: 1.26 ft.**
 Historical Maximum Water Level: n/a

Calcasieu Pass, LA - Station Map [Return to List](#)

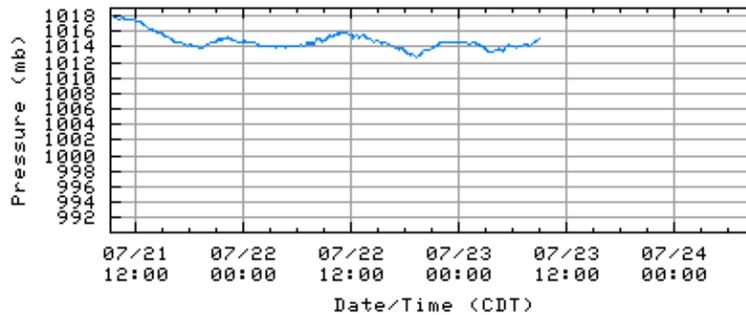


speed — gusts — direction +

Last Observed Sample: 07/23/2008 09:00 (CDT)
Wind Speed: 18 knots Gusts: 21 knots Direction: 132° T

Calcasieu Pass, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8768094 Calcasieu Pass, LA
 from 07/21/2008 09:18 - 07/24/2008 09:18



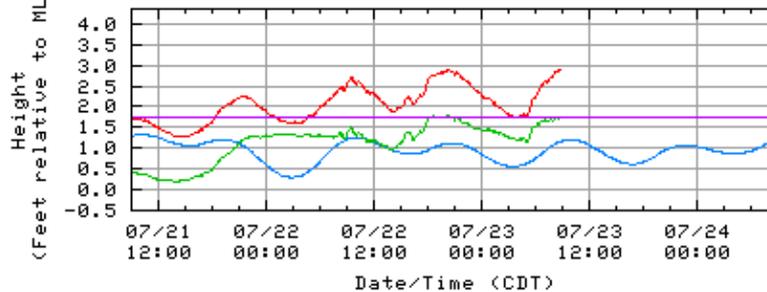
barometric pressure —

Last Observed Sample: 07/23/2008 09:00 (CDT)

Barometric Pressure: 1015.0 mb

Cypremort Point, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8765251 Cypremort Point, LA
 from 07/21/2008 09:06 - 07/24/2008 09:06



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 08:48 (CDT)

Relative to **MLLW**: Observed: 2.88 ft. Predicted: 1.15 ft. Residual: 1.73 ft.

Historical Maximum Water Level: n/a

Hurricane DOLLY QuickLook, POSTED 05:00 CDT 07/23/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce